

MONTHLY STATISTICS: JANUARY 2022

SUMMARY

	VALUE TRADED		ADV	% CHANGE OF ADV
Market Share				4.93%
Total Value Traded:	€ 55,639,890,515	€ 2,649,518,596		16%
Auction on Demand:	€ 555,331,433	€ 26,444,354		68%
Market at Close:	€ 14,403,220,308	€ 685,867,634		13%
Benchmark Cross:	€ 865,398,104	€ 41,209,434		83%

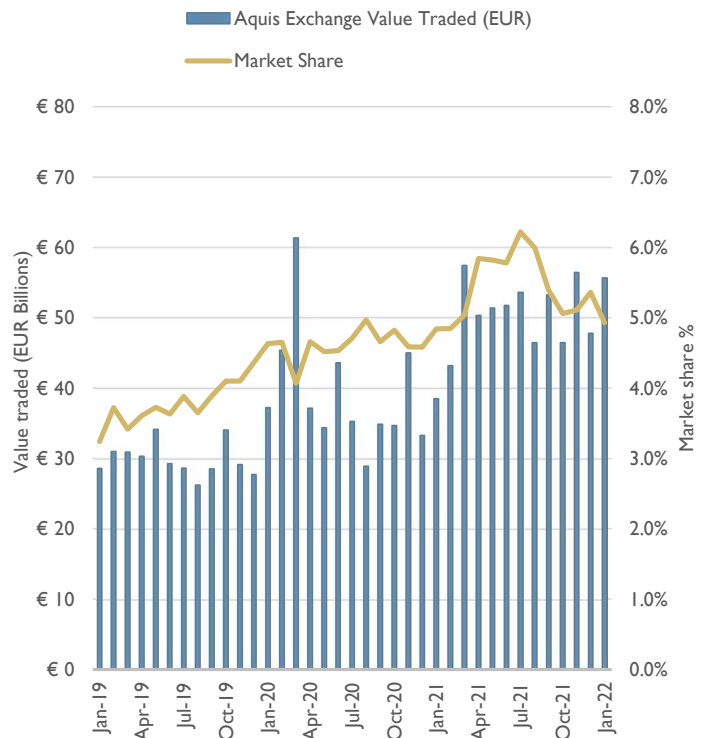
MONTHLY TOP STOCKS BY MARKET SHARE

STOCK	UMTF	MARKET SHARE
S IMMO AG	SPlv	15.28%
Ebro Foods S.A	EBROe	14.90%
Corporacion Financiera Alba	ALBe	14.78%
Sanoma Corporation	SAAIVh	14.04%
Catalana Occidente	GCOe	12.78%
Zardoya Otis	ZOTe	10.45%
TietoEVRY Corporation	TIETOh	10.42%
Viscofan	VISe	9.98%
Vienna Insurance Group	VIGv	9.76%
Oesterreichische Post AG	POSTv	9.58%

MONTHLY TOP STOCKS BY VALUE TRADED

STOCK	UMTF	VALUE TRADED	MARKET SHARE
ASML Holding NV	ASMLa	€ 1,061,705,459	5.05%
Nestle SA	NESNz	€ 784,634,477	6.27%
BHP Group Plc	BHPI	€ 695,132,619	6.51%
TotalEnergies SE	TTEp	€ 677,834,922	5.78%
Roche Holding AG	ROGz	€ 677,756,110	5.98%
LVMH	MCp	€ 638,320,041	5.63%
Novartis AG	NOVNz	€ 456,640,971	4.84%
Intesa Sanpaolo Spa	ISPM	€ 436,296,687	5.79%
Unicredit Spa	UCGm	€ 426,129,953	5.39%
Unilever plc	ULVRI	€ 402,797,530	6.03%
Novo Nordisk	NOVOBc	€ 401,133,150	5.87%
BNP Paribas	BNPp	€ 385,925,797	5.50%
Royal Dutch Shell Plc	RDSAa	€ 380,874,153	4.30%
Stellantis N.V	STLAm	€ 352,836,023	5.11%
Compagnie financiere SA	CFRz	€ 347,978,017	5.90%

VALUE TRADED PER MONTH



TRADING BY MARKET

MARKET	VALUE TRADED	MARKET SHARE
London	€ 11,168,899,020	5.10%
Frankfurt	€ 8,918,986,179	4.52%
Paris	€ 8,670,046,602	4.84%
Zurich	€ 6,369,205,205	5.26%
Amsterdam	€ 4,734,587,029	4.39%
Milan	€ 4,363,511,613	5.03%
Stockholm	€ 3,484,286,339	4.65%
Madrid	€ 2,384,061,120	5.91%
Copenhagen	€ 1,766,185,290	5.29%
Helsinki	€ 1,253,391,670	6.20%
Oslo	€ 1,074,890,322	5.44%
Brussels	€ 733,501,084	5.13%
Vienna	€ 353,958,672	7.01%
Lisbon	€ 208,387,571	5.17%
Dublin	€ 155,992,798	2.17%

MONTHLY TOP 5 SECURITIES BY MARKET SHARE PER MARKET

LONDON TOP STOCKS

STOCK	UMTF	MARKET SHARE
Rentokil Initial	RTOI	9.06%
Avast PLC	AVST	8.87%
United Utilities Group PLC	UUI	8.84%
Segro Plc	SGROI	8.24%
Electrocomponents plc	ECMI	8.19%

FRANKFURT TOP STOCKS

STOCK	UMTF	MARKET SHARE
Uniper SE	UN01d	6.56%
Hannover Ruck SE	HNR1d	6.37%
Symrise AG	SY1d	6.27%
Knorr-Bremse AG	KBXd	6.26%
Henkel AG & Co. KGAA	HEN3d	6.06%

MILAN TOP STOCKS

STOCK	UMTF	MARKET SHARE
ERG Eolica Campania S.p.A	ERGM	9.16%
Iren Spa	IREM	8.64%
Hera Spa	HERM	8.54%
Italgas S.p.A	IGM	8.51%
Exor N.V.	EXOM	8.46%

PARIS TOP STOCKS

STOCK	UMTF	MARKET SHARE
Bollore.	BOLP	8.39%
Amundi	AMUNP	7.20%
Biomerieux	BIMP	6.23%
Axa	CSP	5.86%
L'Oreal	ORP	5.82%

AMSTERDAM TOP STOCKS

STOCK	UMTF	MARKET SHARE
Heineken Holdings	HEIOa	8.56%
Prosus NV	PRXa	5.48%
Heineken N.V	HEIAa	5.29%
Signify NV	LIGHTa	5.25%
Hal Trust	HALa	5.25%

MADRID TOP STOCKS

STOCK	UMTF	MARKET SHARE
Ebro Foods S.A	EBROe	14.90%
Corporacion Financiera Alba	ALBe	14.78%
Catalana Occidente	GCOe	12.78%
Zardoya Otis	ZOTe	10.45%
Viscofan	VISE	9.98%

ZURICH TOP STOCKS

STOCK	UMTF	MARKET SHARE
Nestle SA	NESNz	6.27%
Straumann Holding AG	STMNz	6.06%
LafargeHolcim Ltd	HOLNz	5.99%
Roche Holding AG	ROGz	5.97%
Compagnie financiere SA	CFRz	5.89%

OSLO TOP STOCKS

STOCK	UMTF	MARKET SHARE
SpareBank 1 SR-Bank ASA	SRBNKo	9.05%
Nel ASA	NELo	8.66%
Telenor ASA	TELo	7.84%
DNB Bank ASA	DNBo	7.75%
Aker BP ASA	AKRBPo	7.74%

COPENHAGEN TOP STOCKS

STOCK	UMTF	MARKET SHARE
Demant AS	DEMANc	6.96%
Coloplast AS	COLOBc	6.64%
Ringjobing Landbobank	RILBAc	6.31%
A.P. Moller - Maersk AS	MAERBc	6.13%
Carlsberg	CARLBc	5.89%

STOCKHOLM TOP STOCKS

STOCK	UMTF	MARKET SHARE
Atlas Copco AB	ATCOAs	7.06%
Skanska AB	SKABs	6.98%
Lifco AB.	LIFCOBs	6.84%
Epiroc AB	EPIAs	6.65%
Hexagon AB	HEXABs	6.34%

HELSINKI TOP STOCKS

STOCK	UMTF	MARKET SHARE
Sanoma Corporation	SAA1Vh	14.04%
TietoEVRY Corporation	TIETOh	10.42%
Sampo Plc	SAMPOh	9.19%
Kemira Oyj	KEMIRh	9.01%
Konecranes Plc	KCRh	8.22%

BRUSSELS TOP STOCKS

STOCK	UMTF	MARKET SHARE
Aedifica NV	AEDb	8.66%
Cofinimmo	COFBb	7.75%
Elia System Operator S.A. N.V.	ELIb	7.35%
Warehousing & Distribution De Pau	WDPb	6.73%
Argen X SE	ARGXb	6.33%

VIENNA TOP STOCKS

STOCK	UMTF	MARKET SHARE
S IMMO AG	SPIv	15.28%
Vienna Insurance Group	VIGv	9.76%
Oesterreichische Post AG	POSTv	9.58%
Mayr-Melnhof Karton AG	MMKv	9.31%
Atrium European Real Estate Limited	ATRSv	8.68%

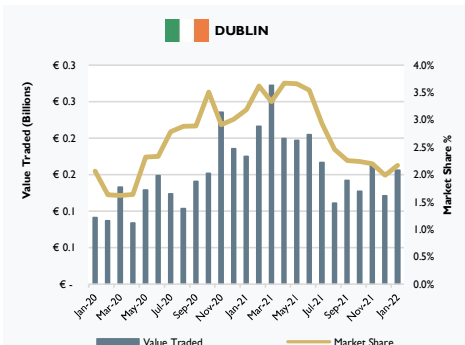
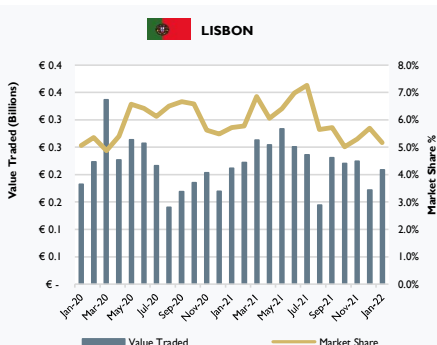
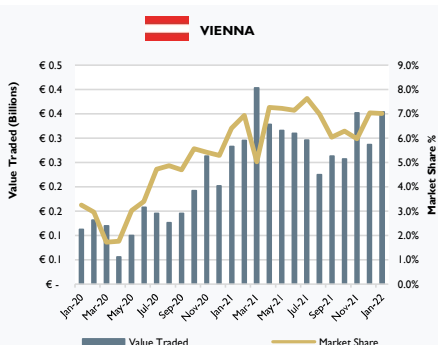
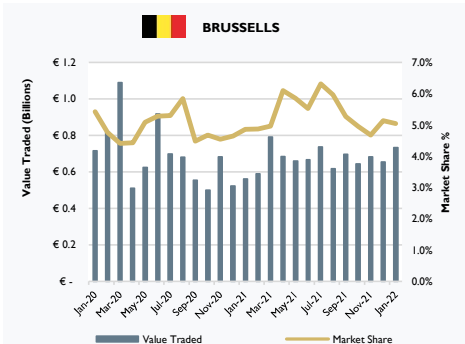
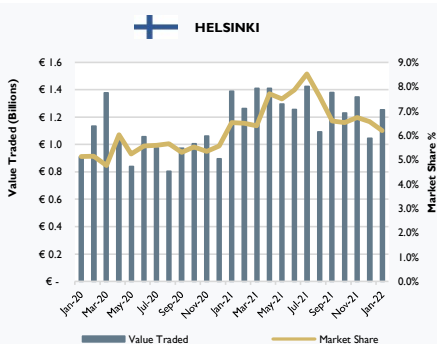
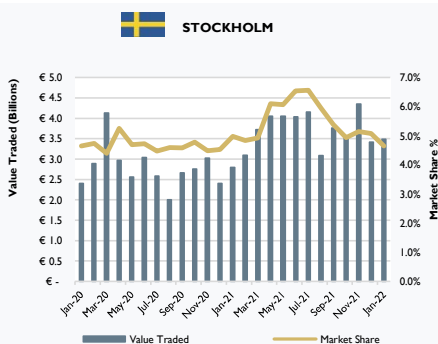
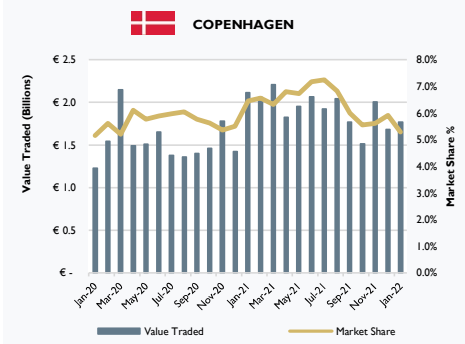
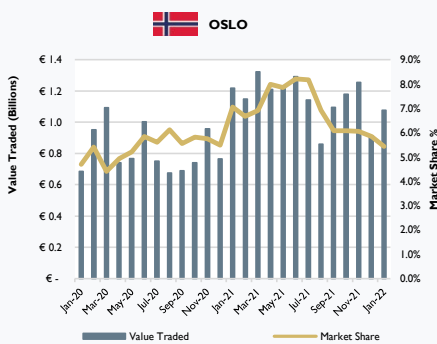
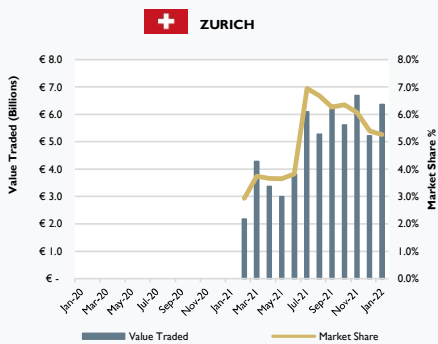
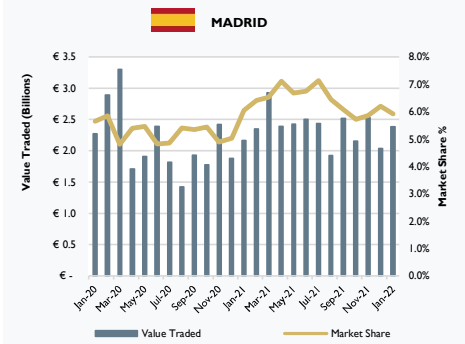
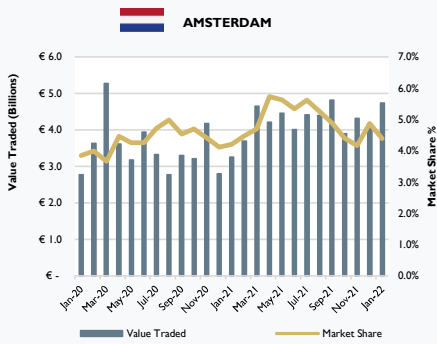
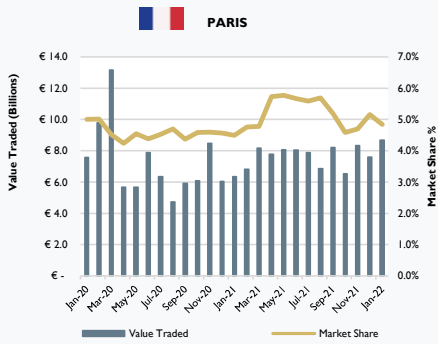
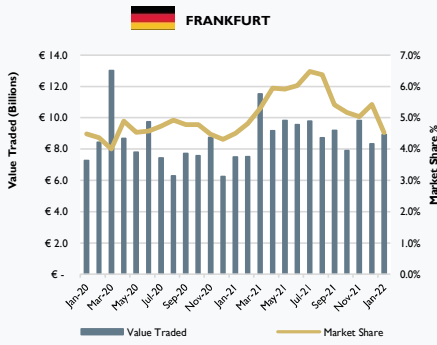
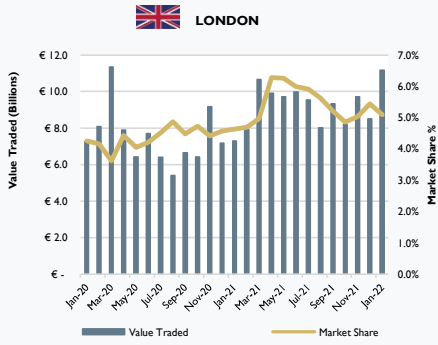
LISBON TOP STOCKS

STOCK	UMTF	MARKET SHARE
Corticeira Amorim	CORu	9.97%
Redes Energeticas Nacionais	RENEu	8.58%
Ibersol - S.G.P.S., S.A.	IBSu	8.43%
Navigator Company SA	NVGu	8.22%
Nos SGPS SA.	NOSu	7.81%

DUBLIN TOP STOCKS

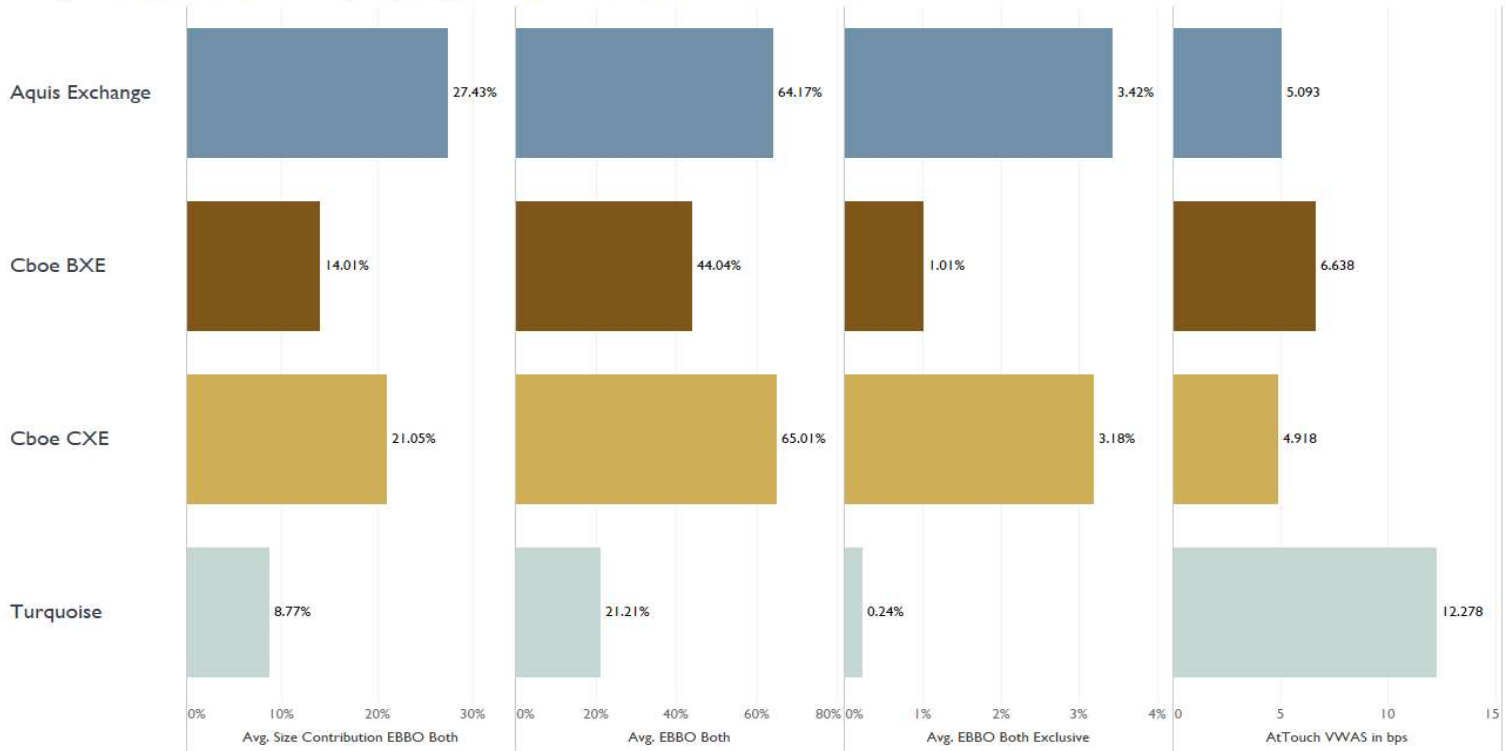
STOCK	UMTF	MARKET SHARE
Dalata Hotel Group Plc	DHGi	5.73%
Glenveagh Properties Plc	GVRi	5.66%
Hibernia REIT PLC	HBRNi	5.08%
Irish Continental Group Plc	IR5Bi	4.53%
Irish Residential Properties Plc	IRESi	3.99%

HISTORICAL MARKET SHARE AND VOLUME PER MARKET

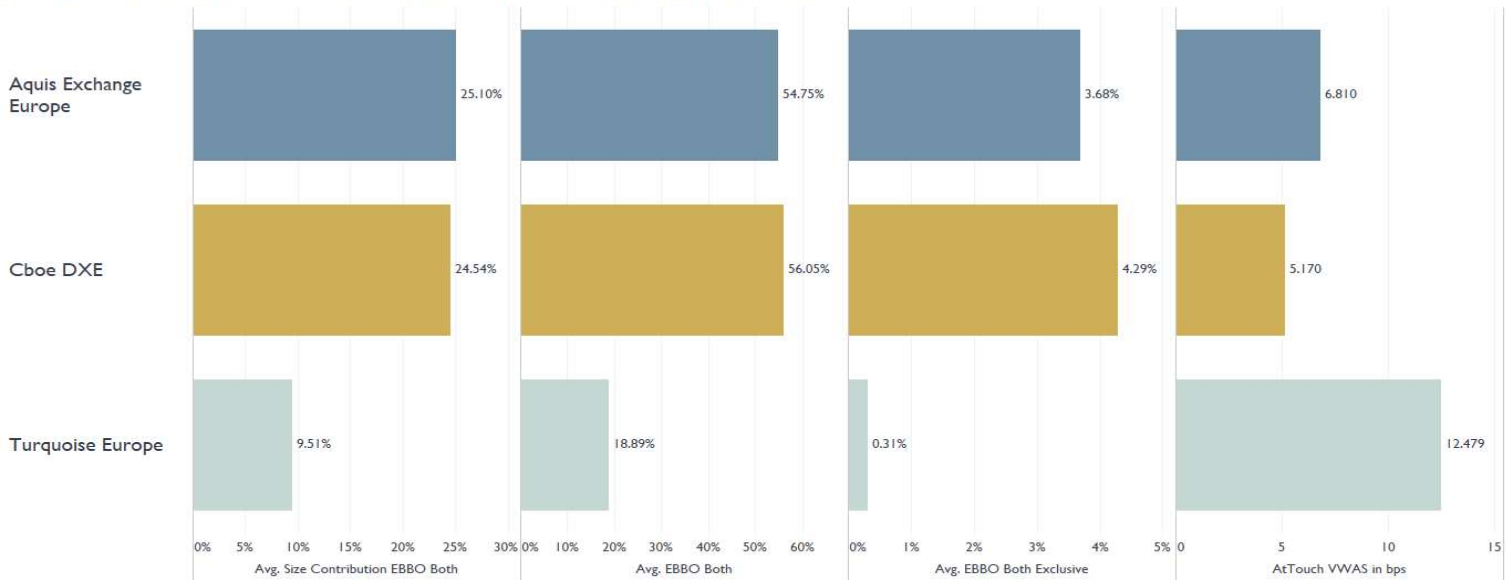


QUALITY OF AVAILABLE LIQUIDITY PER VENUE

Average Size Contribution vs Average Liquidity at Touch vs Presence for the UK 100 and Swiss 20



Average Size Contribution vs Average Liquidity at Touch vs Presence for European Indices



Big xyt definitions:

- **Size contribution EBBO both** Ratio between the cumulative bid and ask sizes at a given exchange and the cumulative EBB and EBO sizes (contribution of BO size at a given exchange to overall EBBO size). Bid has to be equal to the EBB and ask equal to the EBO. For daily aggregation the ratio is weighed by time.
- **Presence EBBO Both** % calculates the percentage of time (in millisecond resolution) that particular exchange has both bid and ask not worse than corresponding products/exchanges in the relation to time period that combined bid and ask across all exchanges (EBBO) exists.
- **Presence EBBO Both Exclusive** % calculates the percentage of time period (in millisecond resolution) that a particular exchange has both bid and ask not worse than corresponding products/exchanges and additionally either bid or ask is on the best level. Metric is calculated in the relation to the time period that combined bid and ask across all exchanges (EBBO) exists.
- **Spread at Touch** calculates the observed bid-offer spread of every single quote (BBO). This spread is a relative measure in relation to the mid price expressed in basis points (0.01%).

